

DECLARATION

As a below-named inventor, I(we) hereby declare that:

TYPE OF DECLARATION

This declaration is of the following type:

- ☒ original
- ☐ design
- ☐ supplemental
- ☐ national stage of PCT
- ☐ divisional
- ☐ continuation
- ☐ continuation-in-part (CIP)

INVENTORSHIP DECLARATION

My residence, post office address, and citizenship are as stated below next to my name;

I verily believe I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PAR 36 LED UTILITY LAMP

the specification of which:

- a) ☐ is being filed concurrently herewith
- b) ☒ was filed on September 30, 1999 and assigned Serial No. 07/410,479
- c) ☐ was filed as PCT International Application No. _____ filed on _____ and amended under PCT Article 19 on _____.

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations §1.56 including information occurring between the filing date of any prior application of which the present application is a continuation-in-part.

- ☐ In compliance with this duty there is attached an Information Disclosure Statement.
37 CFR 1.97.

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d), of any foreign application(s) for patent or inventor's certificate or of any PCT international applications(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international applications(s) designating at least one country other than the United States of America filed by me having the same subject matter having a filing date before that of the application on which priority is claimed.

- a) ☒ no such applications have been filed.
 b) ☐ such applications have been filed as follows:

| COUNTRY | APPLICATION NUMBER | DATE OF FILING (day, month, year) | PRIORITY CLAIMED UNDER 37 USC 119 |
|---------|--------------------|--------------------------------------|--|
| | | | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| | | | <input type="checkbox"/> YES <input type="checkbox"/> NO |

I hereby claim the benefit under Title 35 United States Code, §119(e) of any United States provisional application identified below.

- a) ☐ no such applications have been filed.
 b) ☒ such applications have been filed as follows:

| U.S. APPLICATIONS | |
|-------------------|------------------|
| SERIAL NUMBER | U.S. FILING DATE |
| 1. 60/147,240 | August 4, 1999 |
| 2. | |

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S) UNDER 35 U.S.C. §120

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) or PCT international applications(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior applications(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior applications(s) and the national or PCT international filing date of this application.

- a) ☒ no such applications have been filed.
 b) ☐ such applications have been filed as follows:

| U.S. APPLICATIONS | |
|---------------------------------------|------------------|
| SERIAL NUMBER | U.S. FILING DATE |
| 1. | |
| 2. | |
| PCT APPLICATIONS DESIGNATING THE U.S. | |
| PCT APPLICATION NO. | PCT FILING DATE |
| 3. | |

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Telephone calls and correspondence should be directed to: Edwin E. Voigt II, Esq., at Customer No. 490, Telephone: (612) 563-3000, Facsimile: (612) 563-3001.

10078745-021802

Second Inventor

John C. Pederson

Full name

Date:

Inventor's signature:

Date:

Citizenship:

United States of America

Citizenship.

Post office Address

**348 - 27th Avenue North
St. Cloud, MN 56303**

Post office Address

Residence:

(If different than above)

Residence:

(If different than above)

Figure 1 consists of 12 subplots, each representing a different value of k from 0 to 11. Each subplot is a histogram showing the frequency of the number of non-zero elements in the rows of the matrix A_k . The x-axis for all plots is labeled 'Number of non-zero elements' and ranges from 0 to 100. The y-axis is labeled 'Frequency' and ranges from 0 to 10. The distributions are roughly bell-shaped and centered around 50-60 non-zero elements. The plots are arranged in a single column, with $k=0$ at the top and $k=11$ at the bottom.

UTILITY/DESIGN PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | |
|--------------|--|
| Inventor(s): | John C. Pederson |
| Title: | PAR 36 LED UTILITY LAMP |
| Filed: | <u>September 30, 1999</u> and assigned App. No. <u>09/410,479</u> |

Assistant Commissioner for Patents
Washington, DC 20231

Docket No: N47.2-8438

POWER OF ATTORNEY FROM ASSIGNEE

As assignee of record of the entire interest of the above-identified patent application, **911 EMERGENCY PRODUCTS, INC.** hereby appoint all practitioners of **Customer No. 490** to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. I hereby authorize them to act and rely on instructions from, and to communicate directly with, the firm or person which sent this case to Vidas, Arrett & Steinkraus, P.A., unless or until I instruct Vidas, Arrett & Steinkraus P.A., in writing to the contrary.

Address all correspondence to Edwin E. Voigt II, Esq., at Customer Number 490.

✓ Dated this 11/11/99 day of _____, 1999.

(Company Name)

911 EMERGENCY PRODUCTS, INC.

(Signature)

By: ✓

(typed name)

(title)

Its: γ

C.E.O.

1007045-021001

UTILITY/DESIGN PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | |
|--------------|--|
| Inventor(s): | John C. Pederson |
| Title: | PAR 36 LED UTILITY LAMP |
| Filed: | September 30, 1999 and assigned App. No. 09/410,479 |

Assistant Commissioner for Patents
Washington, DC 20231

Docket No.: N47.2-8438

VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS (ASSIGNEE FORM)

I, John C. Pederson, CEO of 911 EMERGENCY PRODUCTS, INC. which has its principal place of business at 821 West St. Germain, St. Cloud, MN 56301 (hereinafter "the Company"), hereby state that:

1. I am empowered to act on behalf of the Company in making the following statements to establish status as a small entity under 37 C.F.R. §1.9.
2. By assignment of all right, title and interest in and to the invention identified above, the Company is the owner of the subject matter of the patent application identified above.
3. The Company has not assigned, granted, conveyed or licensed any rights in and to the invention, and is not under any obligation, contract or law to assign, grant, convey or license any rights to said invention to any other party.
4. The Company is a business concern which presently employs less than 500 persons.
5. Based upon the above facts, it is believed that the Company is a Small Business for paying reduced fees as set forth in 37 C.F.R. §1.9(d).
6. The Company acknowledges its duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate (37 C.F.R. §1.28(b)).
7. The Company hereby declares that all statements made herein of its own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Y Dated this 11th day of November, 1999.

(Company Name)

911 EMERGENCY PRODUCTS, INC.

(Signature)

By: [Signature]

(typed name)

(title)

Its: CEO

UTILITY/DESIGN PATENT

Docket No. N47.2-8438

ASSIGNMENT

WHEREAS, I(we), **John C. Pederson**, residing at **348 - 27th Avenue North, St. Cloud, MN 56303**, has(have) invented and own the entire United States right, title and interest in an invention for:

PAR 36 LED UTILITY LAMP

disclosed in my application for United States Letter Patent filed:

- ☐ concurrently herewith
☒ on September 30, 1999 and assigned Application No. 09/410,479; and

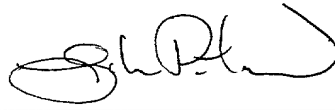
I hereby authorize and request any attorney of Vidas, Arrett & Steinkraus, P.A., Suite 2000, 6109 Blue Circle Drive, Minnetonka, MN 55343-9131, to insert the filing date and application number of said application above when known.

WHEREAS, **911 EMERGENCY PRODUCTS, INC.** ("Assignee"), a corporation organized and existing under and by virtue of the laws of the State of **Minnesota**, and having its principal place of business at **821 West St. Germain, St. Cloud, MN 56301**, is desirous of acquiring the entire right, title, and interest in and to said invention, to said application for any and all countries, to any and all Letters Patent, and to any and all Design Letters Patent of any and all countries which may be granted thereon;

NOW, THEREFORE, Be It Known that for good and valuable consideration, the receipt of all of which is hereby acknowledged, I(we) hereby sell, assign, and transfer unto Assignee, its successors, and assigns, the entire right, title and interest, legal and equitable, in and to said invention, to said application for any and all countries, to any and all Letters Patent, and to any and all Design Letters Patent of any and all countries which may be granted thereon; and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all Letters Patent and all Design Letters Patent which may be granted to said invention to Assignee.

Dated: 8/11/99 ☒

First Inventor's Signature:
 First Inventor's Name:


John C. Pederson

Dated: _____

Second Inventor's Signature:
 Second Inventor's Name:

Dated: _____

Third Inventor's Signature:
 Third Inventor's Name:

Dated: _____

Fourth Inventor's Signature:
 Fourth Inventor's Name:

10078745 021802

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | |
|---------------------|--|
| Inventor(s): | John C. Pederson |
| Title: | PAR 36 LED UTILITY LAMP |
| Filed: | <u>September 30, 1999</u> and assigned App. No. <u>09/410,479</u> |

Docket No.: N47.2-8438

ASSIGNEE'S STATEMENT OF OWNERSHIP 37 CFR 3.73(B)

911 EMERGENCY PRODUCTS, INC. (name of assignee), a Minnesota corporation (e.g., corporation, partnership, university, government agency etc.) is the assignee of the entire right, title and interest in the patent application identified above by virtue of:

A. ☒ An assignment from the inventor(s) of the patent application identified above. A photocopy of the Assignment is enclosed. The original Assignment is being mailed to Assignment Branch for recording.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From : _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From : _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned is empowered to sign this statement of ownership certificate on behalf of the assignee.

VIDAS, ARRETT & STEINKRAUS

Date: 12-13-99By: 

Edwin E. Voigt II, Esq.
Registration No. 36,042

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